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TEN YEAR INDEX

TO

THE AUK

VOLUMES XXVIII-XXXVII—1911-1920

PREPARED BY A COMMITTEE OF THE

AMERICAN ORNITHOLOGISTS' UNION

EDITED BY

T. S. PALMER AND M. T. COOKE

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INTRODUCTION

At the annual meeting of the American Ornithologists' Union held in Philadelphia in 1921 definite authorization was made for the preparation of a 'Ten Year Index of The Auk' covering the years 1911–1920, inclusive. At each subsequent meeting reports of progress were made to the Council and the authorization continued. It was voted to prepare the Index on the same plan as that of the 'General Index, 1876–1900' and the 'Ten Year Index, 1901–1910.' At the Chicago meeting in 1922 a plan was submitted and the Secretary and Editor were authorized to proceed with the preparation of the Index. The slow progress and delay in completing the work have been due to several unforeseen obstacles chief of which was the difficulty in finding any one willing to undertake the duties of chairman of the Index Committee. As a result the Secretary was obliged to assume the responsibilities of this position in addition to his other duties without being able to give the work the attention it required. Through the cordial cooperation of the Biological Survey of the U. S. Department of Agriculture the slips in its index files for volumes of 'The Auk,' 1911–1918 inclusive, were placed at the disposal of the committee, thus saving the writing of many thousands of cards. Entries for the remaining two volumes were generously prepared by Harry Harris.

All of this material was distributed to members of the committee, who examined the entries, checked the references and prepared additional slips when necessary. The members of the committee who performed this work and the volumes for which they assumed responsibility are as follows:

1911	Alexander Wetmore	1916	W. L. McAtee
1912	E. R. Kalmbach	1917	J. H. Riley
1913	B. H. Swales	1918	C. C. Sperry, C. R. Shoemaker
1914	A. H. Howell	1919	Harry Harris
1915	F. C. Lincoln	1920	Harry Harris

Several of the members, Howell, McAtee, Riley and Wetmore, had assisted in the preparation of the previous 'Ten Year Index' and

had had experience in the work. As usual in such undertakings some changes in personnel were inevitable and delays ensued in securing the final return of the material. The slips were then rearranged in a single alphabet and the necessary cross references prepared, a time-consuming work which was performed with great pains by Miss May Thacher Cooke. Before the material could be made ready for the press it was necessary to examine the synonymy of the foreign species and bring together under proper names the various references to each species which were often published under several designations. This difficult technical work was done by Dr. Charles W. Richmond, who cheerfully placed at the disposal of the committee his time and unrivaled experience in matters of ornithological nomenclature. After undergoing this revision the slips were copied in order to consolidate the entries in proper form and eliminate duplicate entries. This laborious task was undertaken by Mr. and Mrs. H. S. Bryant and Miss Bryant, the latter an expert library cataloguer. Copying was begun in March 1927 and completed in June. Again the material was looked over and finally submitted for printing late in 1927. The first proofs were received in February 1928 and printing completed in the spring of 1929.

Plan of the Index

The general plan of this Index is the same as that of 1907, which was described by the editor, Dr. Jonathan Dwight, as follows:

1. "Authors. Titles of papers are in chronological order and in condensed form. Reviews and notices are indicated by the abbreviation '(rev.),' which is used alone when the author is reviewed, and by the additional word 'see' prefacing the paragraph when the author is reviewer." . . .

2. "Localities. Names of authors in alphabetical order are placed under each."

3. "Genera. Species in alphabetical order are indexed under their respective genera, subspecies or races being, for indexing convenience, treated like species and the middle term of the trinomial dropped. Under species, the page references are arranged by states and countries in alphabetical order, and, set off by a dash, at the end of the localities are additional categories in which are put references to matters other than distribution. . . . The scientific names adopted are those of the A. O. U. Check-List [of 1910] with ap-

proved corrections, and for foreign species, as a rule, partly those of Sharpe's 'Hand List' and partly those of Ridgway's 'Birds of Middle and North America' to date. An asterisk indicates an original description . . . and an interrogation point a reference doubtfully placed."

4. "Synonyms or Cross References. Each refers directly to the name with which it is synonymised in this index and some are merely cross references rather than actual synonyms. Vernacular names in modern foreign languages have been discarded."

5. "Miscellaneous Items. Everything not provided for in the other primary divisions is included in these items, such as notices of journals and the classified subject matter of body articles under various headings such as 'Distribution,' 'Migration,' 'New Species,' 'Nidification' and many others."

6. Key Letters. Each name of a species that occurs in the A. O. U. Check-List is followed by the English name given it in that Check-List. If any English or vernacular name is used for this species in 'The Auk' without a Latin name, then the key letter "a" precedes the English name in the index and this same key letter is added to every reference in which this species is mentioned without a scientific name. Following the English name is a list of all the Latin synonyms each with its own key letter. Thus under *Ammodramus*, the species *australis* is followed by ([a]Grasshopper or yellow-winged sparrow, [b]*Coturniculus*, [c]*passerinus*, [d]*Coturniculus passerinus*, [e]*Fringilla*). Under this arrangement omission of a key letter in the subjoined references indicates that the species is referred to as *Ammodramus australis;* the key letter "a" indicates that the species is mentioned by one of the English or vernacular names, without any Latin equivalent; "b" indicates the combination *Coturniculus australis;* "c" *Ammodramus passerinus;* "d" *Coturniculus passerinus;* and "e" *Fringilla australis.*

Two minor changes introduced in the previous 'Ten Year Index' have been incorporated, viz.:

(*a*) Use of black face type for every entry accompanied by a page reference, and the smaller Roman type for cross references. Thus greater uniformity is secured and a glance is sufficient to distinguish secondary references by the less conspicuous type.

(*b*) Insertion of dates of birth and death after names of deceased authors.

Authors' Names

Efforts have been made to give authors' names in full whenever possible, followed by dates of birth and death of authors who are no longer living. This information is important to avoid confusion in similar names and, when dates are given, to indicate the age at which an author published a particular paper. Some authors at various times use only their initials, their first, or their middle names, others drop names or initials which they consider superfluous, and still others arbitrarily adopt initials without names to distinguish themselves from others of similar name or for other reasons. Among those who have initials only are Joseph H. Batty, Holton C. Curl, John B. Doolin, G. Dallas Hanna and Lucius H. Paul. The late W. J. McGee always asserted that W. J. in his signature were merely letters and represented nothing, but after his death it was ascertained that his name was originally William John. In a few cases in which authors have names which they seldom use such names are enclosed in brackets.

The danger of confusing authorship of contributions signed by initials only is illustrated by note in 'The Auk' for 1912, p. 429, in which attention was called to five titles by J. C. Brown which had been included inadvertently in the list of papers by N. C. Brown in 'The Auk Index' for 1876–1900, p. 72. In the present volume are entries under Miller by six contributors: C. E., J. H., L. E., O. T., R. F. and W. D. W.; and under Smith by seven different persons: A. P., B. G., F., F. C., H. E., H. H. and H. I. If initials only were used a slight typographical error might easily cause confusion in the authorship of some of these articles.

Acknowledgments

In a cooperative undertaking such as this the work inevitably extends outside the committee in charge. Much assistance was rendered by many members of the Union and others to all of whom grateful acknowledgments are due.

Special mention should be made of the cooperation of Dr. Charles W. Richmond, who revised the synonymy of foreign species and carefully read the proof both in galley and page, and of that of Frank Bond, who very generously undertook the laborious task of checking and verifying with painstaking care about 8400 cross references. Miss Corabel Bien and Miss Mabel Colcord, librarians

in the U. S. Department of Agriculture, rendered material assistance in securing full names of authors. Thanks are due for similar service to R. N. Davis, Ruthven Deane, Joseph Grinnell, C. E. Hellmayr, A. H. Norton, C. H. Popenoe, Witmer Stone, W. E. C. Todd and to several foreign members, including Jean Delacour, Herman Grote, A. K. Haagner, Ernst Hartert, Gregory Mathews, E. D. Van Oort and the late Dr. Peter Sushkin. Valuable information has also been furnished by Dr. G. J. Van Oordt of Utrecht, Holland, and the secretary of the Imperial Entomological Bureau in London.

The tedious labor of arranging the entries when returned by the indexers and preparing the slips for copying was performed by Miss May Thacher Cooke, who also revised the material before it went to press. The principal contribution of the chairman has been in reading the proof, and in supplying necessary biographical data and certain supplementary entries. Mention should also be made of the painstaking work of the printers, which has added materially to the accuracy of the Index.

T. S. Palmer,

Chairman of the Index Committee.

Washington, D. C., April 28, 1929.

AUTHORS' NAMES IN PREVIOUS INDEXES

'The Auk' for Jan. 1915, p. 143, contained a list of 46 incomplete names of authors in the Indexes for 1876–1900 and 1901–1910. Eight of these names: Atkins, Bulley, Emmet, Gormley, Ingraham, Kermode, Koumly and E. D. Palmer, were subsequently given in full in the Introduction of the 'Ten Year Index, 1901–1910,' pp. xxiv–xxv. Two, George Evans Harris and Ambrose Arthur Lane, have since been completed and two individuals, Joseph H. Batty and Albert B. Reagan, had no middle names. The total number of incomplete names in previous Indexes is thus reduced to 34.

BIOGRAPHICAL INDEX

The following index contains references to the biographical sketches which have been published in the volumes of 'The Auk' from 1911 to 1920 inclusive and also the names of all members of the American Ornithologists' Union who died during this period.

Under each name are given six items: (1) reference to the biographical notice, (2) place of birth, (3) date of birth, (4) place of death, (5) date of death, and (6) age at death stated in terms of the nearest year. Localities in parentheses indicate uncertainty as to the place of death.

The Index for 1901–1910, pp. xi–xxiii, contained the names of persons who died prior to 1915, thus including those who died during the first four years covered by the present Index. Following are the 34 names which appear in both Indexes:

Baird, L. H.
Barrett-Hamilton, G. E. H.
Beers, H. W.
Blasius, W. A. H.
Brown, Herbert
Buller, T. J.
Charles, F. L.
Collett, Robert
Davis, S. L.
Farwell, E. S. D.
Hales, H. T.
Hardy, Manly
Hayek, G. E.
Hill, W. H.
Howe, F. A.
Howe, Louise
Knight, O. W.
Meyer, A. B.
Oates, E. W.
Parrot, C. P. A.
Reed, C. A.
Sclater, P. L.
Shelley, G. E.
Small, H. W.
Smith, R. C.
Spaulding, F. B.
Tegetmeier, W. B.
Torrey, Bradford
Upham, M. C.
Wallace, A. R.
Welles, C. S.
Whitman, C. O.
Wilson, S. S.
Wister, W. R.

An asterisk (*) indicates that an announcement of the death of a member of the Union has been published in 'The Auk' but without any biographical notice. If a notice of such a person has appeared elsewhere a reference to the article is added.

Abbott, Charles Conrad.....'20, 183–184
Born, Trenton, N. J., June 4, 1843.
Died, Bristol, Pa., July 28, 1919 (76).

***Ackerman,** Joseph Moody.....'20, 125
Born, Newburyport, Mass., Mar. 4, 1844.
Died, Newburyport, Mass., July 22, 1919 (75).

Alpheraky, Sergius Nikolaevich.'21, 495
Born in Russia in 1850.
Died in Russia in 1918 (68).

Armstrong, Frank Blake.....'15, 541
Born, St. John, N. B., May 10, 1863.
Died, Brownsville, Tex., Aug. 20, 1915 (52).

Bagg, Egbert.....'15, 540
Born, Utica, N. Y., Aug. 10, 1850.
Died, Utica, N. Y., July 11, 1915 (65).

Bailey, Bert Heald.....'17, 512
Born, Farley, Iowa, May 2, 1875.
Died, Cedar Rapids, Iowa, June 22, 1917 (42).

***Baird,** Lucy Hunter.....'14, 93
Born, Carlisle, Pa., Feb. 8, 1848.
Died, Philadelphia, Pa., June 19, 1913 (65).

***Banks,** Martha Burr.....'19, 91
Died (Westport, Conn.?), Dec. 13, 1917.

Barrett-Hamilton, Gerald Edwin Hamilton.....'14, 435
Born, Kilmanock, County Waterford, Ireland, May 18, 1871.
Died, South Georgia I., South Atlantic, Jan. 17, 1914 (43).

Batten, George.....'18, 264–265
Born, Gloucester Co., N. J., June 19, 1854.

Died, Montclair, N. J., Feb. 16, 1918 (64).

Beal, Foster Ellenborough Lascelles, '17, 243–264, por.
Born, South Groton (Ayer), Mass., Jan. 9, 1840.
Died, Branchville, Md., Oct. 1, 1916 (77).

***Beers,** Henry Wheeler .....'14, 391
Born, Easton, Conn., Oct. 17, 1866.
Died, Bridgeport, Conn., Apr. 2, 1914 (47).

Belding, Lyman.....'20, 33–45, por.
Born, West Farms, Mass., June 12, 1829.
Died, Stockton, Calif., Nov. 22, 1917 (88).

Bennetts, William James.....'21, 622
Born, Cornwall, England, May 20, 1865.
Died, Takoma Park, Md., Sept. 13, 1920 (55).

***Berier,** DeLagnel .....'17, 77
Died (Ridgewood, N. J.?), Feb. 11, 1916.

Berlepsch, Hans [Carl Hermann Ludwig] von.....'15, 539
Born, Witzenhausen, near Kassel, Germany, July 29, 1850.
Died, Göttingen, Germany, Feb. 27, 1915 (65).

Betts, Norman DeWitt.....'17, 377–378
Born, New York City, July 21, 1880.
Died, Uintah Co., Utah, May 21, 1917 (37).

Bianchi, Valentin Lvovich..'21, 497–498
Born, 1857.
Died, Petrograd, Russia, Jan. 10, 1920 (63).

Blain, Merrill Willis.....'19, 629
Born, Oceanview, Calif., Apr. 24, 1894.
Died, Los Angeles, Calif., Dec. 26, 1918 (25).

Blasius, Wilhelm August Heinrich '12, 571
Born, Brunswick, Germany, July 5, 1845.
Died, Brunswick, Germany, May 31, 1912 (67).

Bodine, Donaldson.....'17, 115
Born, Richboro, Pa., Dec. 13, 1866.
Died, Douglas Lake, Mich., Aug. 26, 1915 (49).

Brabourne, Lord (Wyndam Wentworth Knatchbull-Hugessen)...'15, 387
Born, Sept. 21, 1885.
Killed in action, Neuve Chapelle, France, Mar. 12, 1915 (29).

Brainerd, Barron.....'20, 184–185
Born, Boston, Mass., Mar. 3, 1893.
Died, Brookline, Mass., May 15, 1919 (26).

***Brantley,** William Foreacre.....'15, 489
Born, Atlanta, Ga., Dec. 1, 1889.
Died, Hendersonville, N. C., Sept. 9, 1914 (25).

Brasil, Louis.....'19, 449
Born, Paris, France, in 1865.
Died, Caen, France, Oct. 15, 1918 (53).

Brewster, Edward Everett.....'20, 184
Born, West Cornwall, Conn., Mar. 24, 1856.
Died, Schenectady, N. Y., July 1, 1919 (63).

Brewster, William.....'20, 1–23, por.
Born, Wakefield, Mass., July 5, 1851.
Died, Cambridge, Mass., July 11, 1919 (68).

***Briggs,** Joseph Stockdale.....'21, 107
Born, Blackhawk, Beaver Co., Pa., Jan. 8, 1848.
Died (Norristown, Pa.?) in 1918(70).

Brown, Herbert.....'13, 472
Born, Winchester, Va., Mar. 6, 1848.
Died, Tucson, Ariz., May 12, 1913 (65).

***Burke,** William Bardwell.....'15, 489
Born, Rochester, N. Y., Nov. 5, 1841.
Died, Rochester, N. Y., April 15, 1914 (73).

Butler, Edward Arthur.....'17, 114
Born, Coton House, Warwickshire, Engl., in 1843.
Died, Stokesby, near Great Yarmouth, Engl., Apr. 16, 1916 (73).

***Butler,** [Thomas] Jefferson.....'14, 93
Born, Covington, Ky., May 1, 1868.
Died, Detroit, Mich., Oct. 23, 1913 (45).

***Buxbaum,** Clara Snodgrass.....'15, 489
Born, ——, July 30, 1850.
Died, Chicago, Ill., Mar. 23, 1914 (64).

Cameron, Ewen Somerled..'15, 540–541
Born, Baraldene, Argyllshire, Scotland, Dec. 19, 1854.
Died, Lamanda Park, Pasadena, Calif., May 25, 1915 (60).

***Charles,** Fred Lemar.....'12, xxxv
Born, Aurora, Ill., Nov. 15, 1872.
Died, Urbana, Ill., May 6, 1911 (38).

***Conklin,** Charles Edgar.....'17, 77
Died (Roslyn, N. Y.?), Sept. 8, 1916.

Collett, Robert.....'13, 318
Born, Christiania (Oslo),, Norway, Dec. 2, 1842.
Died, Christiania (Oslo), Norway, Jan. 27, 1913 (70).

Cook, Albert John.....'17, 114–115
Born, Owosso, Mich., Aug. 30, 1842.
Died, Owosso, Mich., Sept. 30, 1916 (74).

Cooke, Wells Woodbridge..'16, 354–355; '17, 119–132, por.
Born, Haydenville, near Northampton, Mass., Jan. 25, 1858.
Died, Washington, D. C., Mar. 30, 1916 (58).

***Crehore,** Frederic Morton.....'20, 125; Who's Who in N. E., '09, 261
Born, Newton Lower Falls, Mass., July 16, 1858.
Died, Boston, Mass., Oct. 16, 1919 (61).

Daggett, Frank Slater.....'20, 508–509
Born, Norwalk, O., Jan. 30, 1855.
Died, Redlands, Calif., Apr. 5, 1920 (65).

***Davis,** Charles Henry.....'20, 125
Born in Mass., Aug. 25, 1848.
Died, Saginaw, Mich., Oct. 5, 1918 (70).

Davis, Susan Louise (Mrs. Walter Rockwood Davis).....'14, 92–93
Born, Millbury, Mass., Mar. 15, 1842.
Died, Newton, Mass., Feb. 13, 1913 (71).

***Dorn,** Louis Wilhelm.....'20, 125
Born, Boeuf Creek, Mo., Oct. 15, 1863.
Died, Fort Wayne, Ind., Apr. 4, 1918 (54).

Dresser, Henry Eeles.....'16, 232
Born, London, Engl., May 9, 1838.
Died, Cannes, France, Nov. 28, 1915 (78).

Dunlop, Eric Brooke.....'18, 266
Born, Windermere, Engl., in 1887.
Killed in action in France, May 19, 1917 (30).

Dutcher, William.....'21, 501–513, por.
Born, Stelton, N. J., Jan. 20, 1846
Died, Chevy Chase, Md., July 1, 1920 (74).

Dyche, Lewis Lindsay.....'17, 116
Born, Berkeley Springs, W. Va., Mar. 20, 1857.
Died, Topeka, Kans., Jan. 20, 1915 (58).

Eddy, Newell Avery.....'17, 376–377
Born, Bangor, Me., May 20, 1856.
Died, Bay City, Mich., Feb. 28, 1917 (61).

***Eldridge,** Arthur Stuart.....'21, 107
Born, Roxbury, Mass., Feb. 4, 1860.
Died, South Lincoln, Mass., Nov. 6, 1919 (60).

Elliot, Daniel Giraud.....'17, 1–10, por.
Born, New York City, Mar. 7, 1835.
Died, New York City, Dec. 22, 1915 (81).

***Farquhar,** Arthur.....'21, 107
Born, ——, 1904.
Died, Ithaca, N. Y., Feb. 21, 1920 (16).

***Farwell,** Mrs. Ellen Sheldon Drummond.....'13, 96
Born, Chicago, Ill., Dec. 29, 1859.
Died, Lake Forest, Ill., Aug. 6, 1912 (53).

Faxon, Walter.....'21, 157–158
Born, Jamaica Plain, Mass., Feb. 4, 1848.
Died, Lexington, Mass., Aug. 10, 1920 (73).

Ferry, Mary Bissell.....'17, 116–117
Born, Norwalk, Conn., Sept. 17, 1849.
Died, Norwalk, Conn., Mar. 18, 1915 (66).

Finsch, Friedrich Hermann Otto, '18, 381–382
Born, Warmbrunn, Silesia, Germany, Oct. 8, 1839.
Died, Brunswick, Germany, Jan. 31, 1917 (77).

Flanagan, John Henry.....'20, 639–640
Born, Cranston, R. I., July 7, 1868.
Died, Providence, R. I., Feb. 23, 1920 (52).

***Foote,** Fannie Huberta.....'21, 108
Died (Yonkers, N. Y.?) in 1920.

Fuller, Timothy Otis.....'17, 115
Born, Needham, Mass., Feb. 2, 1845.
Died, Needham, Mass., Aug. 17, 1916 (72).

Furbringer, Maximilian.....'22, 591
Born, Wittenberg, Germany, Jan. 30, 1846.
Died, Heidelberg, Germany, Mar. 6, 1920 (74).

Gill, Theodore Nicholas, '15, 391–405, por.
Born, New York City, Mar. 21, 1837.
Died, Washington, D. C., Sept. 25, 1914 (78).

Giraud, Jacob Post, Jr., '19, 464–472, por.
Born, New York City, Aug. 22, 1811.
Died, Poughkeepsie, N. Y., July 19, 1870 (59).

Godman, Frederick DuCane....'18, 319
Born, Park Hatch, Surrey, Engl., Jan. 15, 1834.

Died, London, Engl., Feb. 19, 1919 (85).

Goeldi, Emil August.....'17, 510
Born, Ennetbühl, St. Gall, Switzerland, Aug. 28, 1859.
Died, Bern, Switzerland, July 5, 1917 (58).

Gronberger, Sven Magnus.....'16, 355
Born, Norrköping, Sweden, Aug. 19, 1866.
Died, Washington, D. C., Apr. 24, 1916 (50).

Hahn, Walter Louis.....'13, 15
Born, Bascom, Ind., May 20, 1879.
Died, St. Paul, Pribilof Is., Alaska, May 31, 1911 (32).

Hales, Henry Teasdel.....'14, 93
Born, Yarmouth, Engl., Feb. 3, 1830.
Died, Ridgewood, N. J., Nov. 6, 1913 (84).

Hardy, Manly.....'11, 149–150
Born, Hampden, Me., Nov. 11, 1832.
Died, Brewer, Me., Dec. 9, 1910 (78).

Harington, Herbert Hastings....'16, 460
Born, Lucknow, India, Jan. 16, 1868.
Killed in action in Mesopotamia, Mar. 8, 1916 (48).

Harvie Brown, John Alexander..'16, 458
Born, Dunipace House, Stirlingshire, Scotl., Aug. 27, 1844.
Died, Dunipace House, Stirlingshire, Scotl., July 26, 1916 (72).

Hayek, Gustav Edler von.....'11, 388
Born, Brünn, Austria, 1836.
Died, Vienna, Austria, Jan. 9, 1911 (74).

Hazard, Roland Gibson.....'18, 264
Born, Philadelphia, Pa., Jan. 22,1855.
Died, Santa Barbara, Calif., Jan. 23, 1918 (63).

Headley, Frederick Webb...'20, 638–639
Born, Brinsop, Herefordshire, Engl., Apr. 10, 1856.
Died, Epsom, Surrey, Engl., Nov. 25, 1919 (64).

Herman, Otto.....'15, 539–540
Born, Breznóbánya, Hungary, June 27, 1835.
Died, Budapest, Hungary, Dec. 27, 1914 (79).

Hewitt, Charles Gordon.....'20, 511
Born, Macclesfield, Engl., Feb. 23, 1885.
Died, Ottawa, Can., Feb. 29, 1920 (35).

***Hill,** William Henry.....'14, 93; Who's Who in Am., '12, 989
Born, Boston, Mass., July 14, 1838.
Died, Brookline, Mass., Oct. 14, 1913 (75).

Hine, Jane Louisa.....'17, 117
Born, Erie Co., O., Apr. 2, 1831.
Died, Sedan, Ind., Feb. 11, 1916 (85).

***Hitchcock,** Eleanor Beckwith....'18, 66
Died, Waterbury, Conn., Mar. 3, 1917.

Horsbrugh, Boyd Robert.....'16, 460
Born, Poona, India, July 27, 1871.
Died, Surrey, Engl., July 11, 1916 (45).

***Howe,** Florence Aurelia, '14, 93; Bird Lore, '14, 148
Born, Syracuse, N. Y., July 5, 1862.
Died, Indianapolis, Ind., July 9, 1913 (51).

***Howe,** Louise.....'14, 92
Born, Brookline, Mass., Nov. 13, 1858.
Died, Nahant, Mass., Sept. 13, 1912 (54).

Hoyt, Robert Day.....'19, 319–320
Born, New York City, Nov. 18, 1857.
Died, Seven Oaks, near Clearwater, Fla., Nov. 23, 1918 (61).

Hubbard, Sara Anderson...'25, 618–619
Born, East Berkshire, Franklin Co., Vt., Sept. 7, 1832.
Died, Brooklyn, N. Y., July 31, 1918 (86).

Hume, Allan Octavian .....'27, 473–474
Born in England, June 6, 1829.
Died, Upper Norwood, Engl., July 31, 1912 (83).

***Ingalls,** Charles Edward.....'18, 66
Died (East Templeton, Mass.?), May 31, 1917.

Jewell, Lindsey Louin.....'16, 459
Born, Christiansburg, Va., Nov. 24, 1877.
Died, Saranac Lake, N. Y., Sept. 5, 1915 (38).

Justice, Henry.....'18, 266
Born in Pennsylvania in 1844?
Died, Philadelphia, Pa., Mar. 1, 1918 (74).

***Knapp,** Mrs. Henry Alonzo....'20, 125
Born in Michigan, Dec. 20, 1856.
Died, Scranton, Pa., June 13, 1918 (61).

Knight, Ora Willis.....'14, 141–142
Born, Bangor, Me., July 15, 1874.
Died, Portland, Me., Nov. 11, 1913 (39).

Lake, Leslie Waldo.....'16, 233
Born, Hamburg Twp., Erie Co., N. Y., Apr. 25, 1849.

Died, Hamburg, N. Y., Feb. 7, 1916 (67).

Lantz, David Ernest.....'19, 154–155
Born, Thompsontown, Pa., Mar. 1, 1855.
Died, Washington, D. C., Oct. 7, 1918 (64).

***Latimer**, Caroline Parmelee.....'17, 77
Died, Brooklyn, N. Y., April 19, 1916.

Legge, William Vincent....'18, 510–511
Born near St. Mary's, Tasmania, Sept., 1841.
Died, St. Mary's, Tasmania, Mar. 25, 1918 (77).

Levey, William Charlesworth....'16, 233
Born, Indianapolis, Ind., Nov. 13, 1887.
Died, Alton Bay, Lake Winnepesaukee, N. H., July 5, 1914 (27).

Link, Gustav Adolph.....'17, 377
Born, Pittsburgh, Pa., May 15, 1860.
Died, Pittsburgh, Pa., Aug. 16, 1916 (56).

Lord, William Rogers.....'17, 511–512
Born, Boston, Mass., May 6, 1847.
Died, Dover, Mass., Feb. 2, 1916 (69).

Mabbott, Douglas Clifford..'19, 153–154
Born, Arena, Iowa Co., Wis., Mar. 12, 1893.
Killed in action, Château Thierry, France, Sept. 15, 1918 (25).

Macoun, James Melville.....'20, 346
Born, Belleville, Ont., Nov. 7, 1862.
Died, Ottawa, Ont., Jan. 8, 1920 (57).

Macoun, John.....'21, 158–159
Born, near Belfast, Ireland, Apr. 17, 1832.
Died, Sydney, Vancouver I., B. C., July 18, 1920 (88).

Maitland, Robert Lenox.....'20, 640
Born, New York City, Dec. 16, 1854.
Died, New Rochelle, N. Y., Mar. 11, 1920 (65).

Marsden, Henry Warden, '17, 378–379; Condor, '14, 202–204
Born, Boston, Mass., in 1856.
Died, Pacific Grove, Calif., Feb. 26, 1914 (58).

McFarlane, Roderick Ross, '22, 203–210, por.
Born, Stornoway, Id. of Lewis, Scotl., Nov. 1, 1833.
Died, Winnipeg, Man., Apr. 14, 1920 (86).

McHatton, Henry.....'18, 107
Born, Baton Rouge, La., Feb. 29, 1856.
Died, Macon, Ga., Apr. 22, 1917 (61).

McKechnie, Frederick Bridgham, '19, 449–451
Born, Dorchester, Mass., Sept. 19, 1882.
Died, ——, Mass., Mar. 1, 1913 (30).

McMahon, Walter Freeman.....'19, 153
Born, Chelsea, Mass., June 17, 1889.
Killed in action in France, Aug. 28, 1918 (29).

Mearns, Edgar Alexander..'18, 1–18, por.
Born, Highland Falls, near West Point, N. Y., Sept. 11, 1856.
Died, Washington, D. C., Nov. 1, 1916 (60).

Mearns, Louis di Zerega ...'15, 268–269
Born, Fort Verde, Ariz., Nov. 5, 1886.
Died, Baltimore, Md., Apr. 3, 1912 (25).

Meyer, Adolf Bernhard.....'11, 519
Born, Hamburg, Germany, Oct. 11, 1840.
Died, Berlin, Germany, Feb. 5, 1911 (70).

Miller, Olive Thorne (Harriet Mann Miller).....'19, 163–169, por.
Born, Auburn, N. Y., June 25, 1831.
Died, Los Angeles, Calif., Dec. 25, 1918 (87).

Namiye, Motoyoshi .....'19, 628–629
Born, Yeddo (Tokyo), Japan, Feb. 15, 1854.
Died, Tokyo, Japan, May 24, 1918 (64).

Norris, Joseph Parker.....'16, 355–356
Born, Philadelphia, Pa., Nov. 3, 1847.
Died, Philadelphia, Pa., Mar. 17, 1916 (68).

North, Alfred John.....'17, 510–511
Born, North Melbourne, Australia, June 11, 1855.
Died, Sydney, Australia, May 6, 1917 (62).

Oates, Eugene William.....'12, 434
Born, Girgenti, Sicily, Dec. 31, 1845.
Died, Edgbaston, Birmingham, Engl., Nov. 16, 1911 (66).

Oliver, Henry Kemble.....'20, 639
Born, Salem, Mass., Oct. ?, 1829.
Died, Boston, Mass., Oct. 25, 1919 (90).

Owen, Thomas McAdory...'20, 510–511
Born, Jonesboro, Ala., Dec. 15, 1866.
Died, Montgomery, Ala., Mar. 25, 1920 (53).

Palmén, John Axel. . . . . '20, 511–512
Born, Helsingfors, Finland, Nov. 7, 1845.
Died, Forssa, Finland, Apr. 7, 1919 (73).

Parrot, Carl Philip August. . '11, 388–389
Born, Castell, Lower Franconia, Germany, Feb. 1, 1867.
Died, Munich, Germany, Jan. 28, 1911 (44).

Pomeroy, Harry Kirkland. . . . . '15, 386
Born, Lockport, N. Y., Apr. 3, 1865.
Died, Kalamazoo, Mich., Jan. 27, 1915 (50).

***Powell,** Mrs. S. W. . . . . '19, 91
Died (West Beckett, Mass.?), 1918.

Purdie, Henry Augustus. '12, 1–15, por.
Born, Beujah, near Smyrna, Asia Minor, Dec. 16, 1840.
Died, Boston, Mass., Mar. 29, 1911 (70).

Putnam, Frederick Ward. . . . . '15, 541
Born, Salem, Mass., Apr. 16, 1839.
Died, Cambridge, Mass., Aug. 14, 1915 (76).

Ramsay, Edward Pierson. . . . . '17, 376
Born, Dobroyde House, near Sydney, Australia, in 1842.
Died, Truro, near Sydney, Australia, Dec. 16, 1916 (74).

***Rawle,** Francis William, '12, 93; Cassinia, '11, 69–70
Born, Rosemont, Pa., Sept. 22, 1873.
Died, Bryn Mawr, Pa., June 12, 1911 (38).

Reed, Chester Albert. . . . . '13, 319
Born, Worcester, Mass., Jan. 10, 1876.
Died, Worcester, Mass., Dec. 16, 1912 (37).

***Robben,** Nancy P. H. . . . . '21, 107
Died (Lowell, Mass.?), 1919.

***Robbins,** Royal Elisha. . . . . '21, 107
Born, Boston, Mass., Mar. 11, 1890.
Died (Brookline, Mass.?), Feb. 9, 1920 (30).

Sarudny, Nicholas Alexievich. . . '20, 638
Born, ——, 1859.
Died, Tashkent, Turkestan, Mar., 1919 (60).

***Savage,** Walter Giles. . . . . '19, xliv
Died (Glenwood, Ark.?), Aug., 1917.

***Schenck,** Frederic. . . . . '22, 99
Died (Lenox, Mass.), Feb. 28, 1919.

Sclater, Philip Lutley. . . . . '14, 1–12, por.
Born, Tangier Park, Hampshire, Engl., Nov. 4, 1829.
Died, Odiham, Hampshire, Engl., June 27, 1913 (84).

***Seiss,** Covington Few, '17, 513; Cassinia, '16, 47–48
Born, Philadelphia, Pa.?, in 1853.
Died, Philadelphia, Pa., Sept. 5, 1915 (62).

***Selous,** Frederick Courtney, '17, 361; Ibis, '17, 244–246, por.
Born, London, Engl., Dec. 31, 1851.
Killed in action near Kissaki, East Africa, Jan. 4, 1917 (65).

***Shannon,** William Purdy. . . . . '18, 66
Died, Bayport, Long Island, N. Y., Oct. 29, 1916 (37).

Shelley, George Ernest. . . . . '11, 387–388
Born, ——, 1840.
Died, Bournemouth, Engl., Nov. 29, 1910 (70).

***Silsbee,** Thomas. . . . . '21, 107
Died, Boston, Mass., Apr. 29, 1919 (58).

***Small,** Harold Wesley. . . . . '13, 96
Born, Portland, Me.
Died, Staunton, Va., Mar. 12, 1912.

Smith, Herbert Huntington. '20, 637–638
Born, Manlius, N. Y., Jan. 21, 1851.
Died, Tuscaloosa, Ala., Mar. 22, 1919 (68).

***Smith,** Ruth Cook (Mrs. H. A. Hammond Smith). . . . . '13, xxxix
Born, New York City, Nov. 20, 1869.
Died, Park Ridge, N. J., Jan. 2, 1912 (42).

***Soule,** Caroline Gray. . . . . '21, 108; Who's Who in N. E., '09, 868
Born, Springfield, Mass., in 1855.
Died (Brookline, Mass.?), Apr. 27, 1920 (65).

Spaulding, Frederick Benjamin, '14, 142–143
Born, Lancaster, N. H., June 7, 1867.
Died, Lancaster, N. H., Oct. 22, 1913 (46).

Stanton, Jonathan Young. . '18, 511–512
Born, Lebanon, Me., June, 1834.
Died, Lewiston, Me., Feb. 17, 1918 (84).

***Storrs,** Caryl Buell, Who's Who in Am., 1920, 2732
Born, Saginaw, Mich., Apr. 22, 1870.
Died, Minneapolis, Minn., Jan. 18, 1920 (50).

Styer, Katharine Rebecca. . . . . '17, 241
Born, Chester Heights, Pa., Nov. 1, 1859.
Died, Concordville, Pa., Jan. 20, 1917 (57).

Taylor, Henry Reed. . . . . '18, 382
Born, Capetown, South Africa, Oct. 1 (not 6), 1866.
Died, Agnews, Calif., Sept. 23, 1917 (51).

Tegetmeier, William Bernhard . .'13, 319
Born, Colnbrook, Buckinghamshire, Engl., Nov. 4, 1816.
Died, Golder's Green, near Hampstead, Engl., Nov. 20, 1912 (96).
***Thomas,** Emily Hinds.....'21, 108
Died, Bryn Mawr, Pa., Oct. 17, 1920.
Thorne, Samuel.....'17, 378
Born, Dutchess Co., N. Y., Sept. 6, 1835.
Died, New York?, N. Y., July 4, 1915 (80).
Torrey, Bradford.....'13, 157–159
Born, Weymouth, Mass., Oct. 9, 1843.
Died, Santa Barbara, Calif., Oct. 7, 1912 (69).
***Tweedy,** Edgar.....'20, 125
Died, Brooklyn, N. Y., Nov. 18, 1918.

***Upham,** Mary Cornelia (Mrs. William Henry Upham).....'14, 92
Born, Cleveland, O., Jan. 21, 1843.
Died, Marshfield, Wis., Nov. 29, 1912 (70).

Walker, Robert Latshaw.....'18, 511
Born, Pittsburgh, Pa., July 26, 1838.
Died, Carnegie, Pa., Nov. 19, 1916 (78).
Wallace, Alfred Russel...'14, 138–141
Born, Usk, Monmouthshire, Engl., Jan. 8, 1823.
Died, Broadstone, Dorset, Engl., Nov. 7, 1913 (91).
Waterhouse, Frederick Herschel, '21, 496–497
Born, ——, Engl., Oct. 4, 1845.
Died, London, Engl., Mar. 12, 1919 (73).
***Welles,** Charles Salter.....'17, 513; Entom. News, '14, 192
Born, Springfield, Ill. (not Cincinnati, O.), Sept. 13, 1846.
Died, Elwyn, Delaware Co., Pa., Feb. 24, 1914 (67).
White, James Clarke.....'18, 265–266
Born, Belfast, Me., July 7, 1833.
Died, Boston, Mass., Jan. 5, 1916 (82).
Whitman, Charles Otis.....'11, 149
Born, Woodstock, Me., Dec. 14, 1842.
Died, Chicago, Ill., Dec. 6, 1910 (68).
Wiley, Leo.....'19, 629
Born, Silverton, Colo., Sept. 20, 1890.
Died, Shandon, Calif., Oct. 31, 1918 (28).
***Wilson,** Sidney Stewart.....'13, xxxix
Born, Fort Craig, N. M., Oct. 28, 1877.
Died, St. Joseph, Mo., Nov. 22, 1911 (34).
Windle, Francis.....'17, 512–513
Born, West Marlboro, Chester Co., Pa., in 1845?
Died, West Chester, Pa., Feb. 24, 1917 (72).
***Wister,** William Rotch.....'12, 93
Born, Germantown, Philadelphia, Pa., Dec. 7, 1827.
Died, Saunderstown, R. I., Aug. 21, 1911 (84).
Wood, John Claire.....'16, 459–460
Born, Saline, Washtenaw Co., Mich., July 27, 1871.
Died, Detroit, Mich., June 16, 1916 (45).
Wood, Nelson Rush.....'21, 159
Born, Fond du Lac, Wis., Mar. 22, 1852.
Died, Washington, D. C., Nov. 8, 1920 (69).
Wright, Horace Winslow....'20, 509–510
Born, Dorchester, Mass., June 21, 1848.
Died, Jefferson Highlands, N. H., June 3, 1920 (72).
Wright, Samuel.....'17, 240–241
Born, Conshohocken, Pa., June 25, 1875.
Died, Yonkers, N. Y., Jan. 18, 1917 (42).

Zappey, Walter Reaves.....'18, 263–264
Born, Roxbury, Mass., May 6, 1878.
Died, Arlington Heights?, Mass., Feb. 20, 1914 (36).

ABBREVIATIONS

An asterisk (*) denotes an original description.

Ala.	Alabama.
Alas.	Alaska.
Alta.	Alberta.
alb.	albino.
Am.	America or American.
anat.	anatomy.
Arctic	Arctic regions.
Argent.	Argentina.
Ariz.	Arizona.
Ark.	Arkansas.
B. C.	British Columbia.
Boliv.	Bolivia.
Braz.	Brazil.
Bull.	Bulletin.
Calif.	California.
cat.	catalogue.
Co.	County.
coll.	collection.
Colo.	Colorado.
Colom.	Colombia.
col. pl.	colored plate.
Conn.	Connecticut.
corr.	correction.
C. R.	Costa Rica.
Del.	Delaware.
descr.	description.
ed.	edition.
Engl.	England.
fd.	food.
fig.	figure.
Fla.	Florida.
Frank.	Franklin.
Ga.	Georgia.
Galap. Is.	Galapagos Islands.
G. Br.	Great Britain.
g. dist.	general distribution.
geog.	geographical.
Greenl.	Greenland.
Guat.	Guatemala.
hbt.	habits.
Helg.	Heligoland.
H. I.	Hawaiian Islands.
Hond.	Honduras.
Hud. B.	Hudson Bay.
hyb.	hybrid.
I.	Island.
Ia.	Iowa.
Ill.	Illinois.
Ind.	Indiana.
introd.	introduced.
Is.	Islands.
Kamt.	Kamtschatka.
Kan.	Kansas.
Ky.	Kentucky.
La.	Louisiana.
Labr.	Labrador.
L. C.	Lower California.
Mack.	Mackenzie.
mag.	magazine.
Man.	Manitoba.
Mass.	Massachusetts.
Md.	Maryland.
Me.	Maine.
meas.	measurements.
melan.	melanism.
Mex.	Mexico.
Mich.	Michigan.
mig.	migration.
Minn.	Minnesota.
misc.	miscellaneous.
Miss.	Mississippi.
mlt.	moult.
Mo.	Missouri.
Mont.	Montana.
Mts.	Mountains.
N.	North.
nat. hist.	natural history.
N. B.	New Brunswick.
N. C.	North Carolina.
N. D.	North Dakota.
N. E.	New England.
Neb.	Nebraska.
Nev.	Nevada.
N. F.	Newfoundland.
N. H.	New Hampshire.
Nic.	Nicaragua.
N. J.	New Jersey.
N. M.	New Mexico.
N. S.	Nova Scotia.
nst.	nest.
N. Y.	New York.
O.	Ohio.
Okla.	Oklahoma.
Ont.	Ontario.
Ore.	Oregon.
ornith.	ornithological.
Pa.	Pennsylvania.
Parag.	Paraguay.
P. E. I.	Prince Edward Island.
P. I.	Philippine Islands.

pl.	plate.
plm.	plumage.
por.	portrait.
P. R.	Porto Rico.
Proc.	Proceedings.
pt.	part.
pter.	pterylosis.
Que.	Quebec.
rev.	review.
Revill. Is.	Revillagigedo Islands.
R. I.	Rhode Island.
S. Am.	South America.
Sask.	Saskatchewan.
S. C.	South Carolina.
Scotl.	Scotland.
S. D.	South Dakota.
syn.	synonymy.
Tenn.	Tennessee.
Tex.	Texas.
Urug.	Uruguay.
U. S.	United States.
Va.	Virginia.
Venez.	Venezuela.
vol.	volume.
Vt.	Vermont.
Wash.	Washington.
W. I.	West Indies.
Wis.	Wisconsin.
W. Va.	West Virginia.
Wyo.	Wyoming.

CONCORDANCE

'76	= Vol.	I	Bull. N. O. C.
'77	"	II	"
'78	"	III	"
'79	"	IV	"
'80	"	V	"
'81	"	VI	"
'82	"	VII	"
'83	"	VIII	"
'84	"	I	The Auk.
'85	"	II	"
'86	"	III	"
'87	"	IV	"
'88	"	V	"
'89	"	VI	"
'90	"	VII	"
'91	"	VIII	"
'92	"	IX	"
'93	"	X	"
'94	"	XI	"
'95	"	XII	"
'96	"	XIII	"
'97	"	XIV	"
'98	"	XV	"

'99	= Vol.	XVI	The Auk.
1900	"	XVII	"
'01	"	XVIII	"
'02	"	XIX	"
'03	"	XX	"
'04	"	XXI	"
'05	"	XXII	"
'06	"	XXIII	"
'07	"	XXIV	"
'08	"	XXV	"
'09	"	XXVI	"
'10	"	XXVII	"
'11	"	XXVIII	"
'12	"	XXIX	"
'13	"	XXX	"
'14	"	XXXI	"
'15	"	XXXII	"
'16	"	XXXIII	"
'17	"	XXXIV	"
'18	"	XXXV	"
'19	"	XXXVI	"
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magnolia ([a]Magnolia Warbler, [b]maculosa), *Ala.* '14, 231; *Alta.* '19, 261; *Colo.* '14, 253[a]; *D. C.* '14, 536; *Fla.* '14, 498; *Ga.* '13, 277; *La.* '15, 188[a]; *Me.* '13, 234; *Md.* '15, 109, '20, 553[a]; *Mass.* '15, 104[a], '19, 582[b]; *Mex.* '13, 378; *Mich.* '11, 21[a], 22[a]; *Minn.* '13, 207[a], 211[a], '20, 549; *N. B.* '12, 23, '17, 270, '19, 45[a], 226[a]; *N. F.* '12, 78; *N. H.* '12, 322[a], 325[a], '13, 516[a], 518[a], 532, 537; *N. Y.* '17, 444, 444[a], '19, 589[a], '20, 142; *N. C.* '17, 302[a], 307[a]; *Ont.* '20, 437; *Pa.* '12, 466[a], 475, '15, 232, '18, 142, '19, 227[a]; *Que.* '13, 8, '16, 179, '17, 136[a], '18, 303[a], 310[a], '19, 475[a]; *S. C.* '13, 114[a], 277[a], '18, 441; *S. D.* '13, 572; *Va.* '12, 524, 529[a].—*fd.* '15, 232; *g. dist.* '20, 576[a]; *meas.* '20, 576[a]; *mig.* '11, 22, '15, 188, 447, '16, 179, '17, 302[a], 307[a], '19, 45[a], '20, 437, 576[a]; *nst.* '16, 179, '18, 142, '19, 226[a], 227[a], 228[a]; *song*, '12, 322, 325, '13, 516[a], 518[a], 532, 537, '19, 582[a], '20, 553[a]; *misc.* '12, 162, '17, 190[a], 361[a], '19, 342[a].

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nigrescens ([a]Black-throated Gray Warbler, Halsey's Warbler, [b]Sylvia halseii), *B. C.* '17, 47; *Wash.* '16, 367.—*syn.* '19, 469, 469[a], 469[b]; *misc.* '12, 162.

occidentalis ([a]Hermit Warbler, Hermit Wood Warbler, [b]Sylvia, [c]Sylvicola), *Mex.* '11, 86; *Wash.* '16, 368.—*syn.* '19, 468[b], 468[c]; *misc.* '12, 162, '19, 468[a].

palmarum ([a]Palm Warbler), *Ala.* '14, 232; *Alta.* '19, 261; *Conn.* '18, 232; *Fla.* '17, 25, '19, 46[a], 55, 404; *Ill.* '19, 523; *La.* '15, 189[a]; *Mass.* '12, 247[a]–248[a], '17, 24, 170[a], 217; *Mich.* '11, 20[a], 21[a], 24[a]; *N. Y.* '15, 230[a], '17, 444[a]; *Que.* '16, 181[a]; *S. D.* '13, 572; *W. I.* '17, 25.—*descr.* '12, 248; *fd.* '15, 254[a]; *hbt.* '12, 247–248; *mig.* '11, 20, 24, '15, 189, 447, '19, 523; *misc.* '11, 116, 513[a], '12, 162, 163, '17, 343[a], '20, 501, 502, 505[a].

pensylvanica ([a]Chestnut-sided Warbler, Yellow-poll Warbler), *Ala.* '14, 232; *Ga.* '18, 276[a], 282[a]; *La.* '15, 188[a]; *Md.* '15, 109, '20, 554[a]; *Mich.* '11, 21[a], 23[a]; *Minn.* '11, 236, '13, 207[a], '20, 549; *N. F.* '12, 78; *N. H.* '12, 324[a], '13, 514[a], 516[a], 517[a], 518[a], 532, 537; *N. J.* '18, 142, '20, 592[a]; *N. Y.* '19, 439[a], 589[a], '20, 48[a], 597[a]; *N. C.* '12, 370[a], 373, 376, '17, 302[a], 307[a]; *Pa.* '12, 247, 476, '18, 142; *Panama*, '13, 428; *Que.* '16, 179–180, '17, 383[a], 387[a], 389[a], '18, 290[a], 303[a], 310[a], '19, 475[a], 476[a]; *S. D.* '13, 572; *Va.* '12, 524, 528[a].—*fd.* '11, 283; *g. dist.* '20, 577[a]; *meas.* '18, 282, '20, 577[a]; *mig.* '11, 21, 23, '13, 207[a], 428, '15, 188, '17, 302[a], 307[a], '20, 577[a]; *nst.* '16, 179, 180, '17, 383[a], 384[a], 387, '18, 142; *song*, '12, 324, '13, 514[a], 516[a], 517[a], 518[a], 532, 537, '20, 554[a]; *misc.* '17, 190[a], '19, 342[a].

petechia ([a]Jamaica Yellow Warbler), *W. I.* '20, 577[a].—*meas.* '20, 577[a].

pharetra ([a]Streaked Yellow Warbler), *W. I.* '20, 577[a].—*meas.* '20, 577[a].

pityophila ([a]Cuban Pine Warbler), *Cuba*, '11, 268[a].

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ruficapilla ([a]Guadeloupe Yellow Warbler), *W. I.* '17, 95, '20, 577[a].—*meas.* '20, 577[a].

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tigrina ([a]Cape May Warbler), *Conn.* '17, 464, '18, 343; *D. C.* '17, 343[a]; *Fla.* '20, 258[a]; *Ga.* '18, 276[a], 285[a]; *La.* '15, 187[a]; *Me.* '15, 105; *Mass.* '15, 104[a], '16, 138[a], '17, 170[a], 217, 484[a]; *Mex.* '13, 378; *Mich.* '11, 21[a], 22[a]; *N. B.* '12, 251–252, '19, 38, 45[a], 226[a], 227[a]; *N. Y.* '15, 498[a], '16, 437[a], '17, 443, 444, 444[a], 483[a]; *N. C.* '17, 302[a], 303[a], 307[a]; *Ont.* '20, 437; *Pa.* '15, 106[a], 231[a], 233[a]; *P. R.* '16, 418; *Que.* '12, 545[a], '17, 191[a], 214, 214[a], 410, 484[a], '18, 292[a], 303, 307[a], 310[a], '19, 38, 472[a], 476[a], 481[a]; *S. C.* '13, 278[a]; *Vt.* '13, 437; *Va.* '12, 523–524, 529[a], '16, 203[a]; *W. Va.* '14, 546.—*descr.* '15, 104; *fd.* '14, 546, '15, 106[a], 231[a], 232[a], 233[a], 498[a], '16, 203[a], '17, 343, '18, 307[a]; *g. dist.* '20, 576[a]; *hbt.* '15, 231[a], 498[a], '17, 410[a], '18, 303, '19, 38, 227[a], 340; *meas.* '20, 576[a]; *mig.* '15, 447, '16, 437[a], '17, 302[a], 303[a], 307[a], 444, 483[a], '19, 45[a], 476[a], '20, 437, 576[a]; *nst.* '17, 410[a]–413[a], '19, 38, 226[a], 227[a]; *song*, '16, 138[a]; *misc.* '12, 162, 163, '13, 120[a], 155, 277, '15, 234[a], 512[a].

townsendi ([a]Townsend's Warbler, [b]Sylvicola, [c]Sylvia), *B. C.* '17, 47; *Colo.* '12, 400, '17, 455, '20, 75; *Mex.* '11, 85; *Wash.* '16, 367–368, '18, 155.—*hbt.* '20, 75; *mig.* '16, 367; *syn.* '19, 468[b], 468[c]; *misc.* '12, 162.

vigorsi ([a]Pine Warbler, Yellow Pine Bird, Pine-creeping Warbler, [b]Sylvia pinus, [c]Parus pinus), *Ala.* '14, 232; *Conn.* '17, 464; *Fla.* '13, 247, '15, 2[a], 160[a], '19, 47[a], 55, 404, '20, 258[a]; *Ga.* '13, 484[a], 501, '18, 280[a]; *La.* '15, 189[a]; *Md.* '20, 557[a]; *Mass.* '18, 184[a]; *Minn.* '11, 236, '15, 504, '20, 550; *N. J.* '15, 498[a], '18, 143, '20, 591[a]; *N. C.* '13, 419[a], 421, '20, 571; *Ont.* '20, 438; *Pa.* '12, 476, '13, 330[c], '18, 143; *Que.* '16, 181, '18, 310[a], '19, 474[a], 481[a]; *R. I.* '13, 545[a], 557; *S. C.* '18, 441; *Va.* '12, 83, 524, 529[a].—*g. dist.* '20, 577[a]; *meas.* '18, 280, '20, 577[a]; *mig.* '16, 181, '18, 498, '19, 474, '20, 577[a]; *nst.* '13, 557, '14, 232; *syn.* '18, 280[b]; *misc.* '12, 162, '15, 230[a].

virens ([a]Black-throated Green Warbler, Yellow-headed Warbler, Vee Warbler), *Ala.* '14, 232; *Alta.* '19, 261; *Colo.* '11, 490; *Ga.* '18, 282[a]; *Labr.* '16, 162, 167; *La.* '15, 189; *Me.* '15, 105; *Md.* '15, 109, '20, 553[a]; *Mass.* '13, 234; *Mex.* '11, 86; *Mich.* '11, 21[a], 24[a]; *Minn.* '11, 236, '13, 207[a], '15, 502[a]; *N. B.* '12, 23, '17, 271, '19, 43, 45[a], 226[a]; *N. F.* '12, 78; *N. H.* '12, 323[a], '13, 515[a], 516[a], 532, 537; *N. J.* '18, 484[a], '20, 592[a]; *N. Y.* '11, 276[a], '16, 37[a]–38[a], '19, 589[a], '20, 47[a], 142, 598[a]; *N. C.* '12, 370[a], 371[a], 373, 375[a], '17, 302[a], 306[a], 307[a], '20, 571; *Pa.* '12, 476, '13, 279, '18, 143; *Que.* '12, 545[a], '13, 8, '16, 167, 180, '17, 187, 190[a], '18, 289[a],

307[a], 310[a], '19, 345, 474[a], 475[a]; *S. C.* '18, 441, '19, 304[a]; *S. D.* '13, 572; *Tex.* '11, 216; *Vt.* '12, 104[a], 524, 529[a].—*descr.* '19, 304[a], '20, 553[a]; *fd.* '11, 283; *g. dist.* '20, 576[a]; *hbt.* '11, 276, '19, 304[a], '20, 553[a]; *meas.* '18, 282, '20, 576[a]; *mig.* '11, 24, '13, 207[a], '15, 189, 447, '16, 180, '17, 302[a], 306[a], 307[a], '19, 45[a], '20, 576[a]; *nst.* '17, 271, '18, 143, '19, 43, 226[a]; *song*, '12, 323, '13, 234, 515[a], 516[a], 532, 537, '16, 37–38, '20, 553, 553[a]; *misc.* '12, 430, '13, 251[a], '15, 256[a], '19, 342[a], '20, 502[a] ('Vee').

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parulus (Anairetes), see Spizitornis.
—— (Muscicapa), see Spizitornis.
—— (Spizitornis), see Spizitornis.
Parus ([b]Poecile), '13, 464.
ater ([a]Coal Titmouse or Cole Tit), *Germany*, '12, 188[a]; *Italy*, '12, 188.—*hbt.* '16, 258; *misc.* '11, 508[a].
balticus, *Russia*, '20, 333.
bokharensis, *Turkestan*, '14, 280.—*syn.* '13, 464; *misc.* '12, 426, '14, 130.
borealis ([b]Poecile), *Finland*, '13, 463[b], 612.
brunnescens, *Kubub, Namaqualand*, '20, 332.
caeruleus ([a]Blue Titmouse), *France*, '19, 501; *Italy*, '12, 182.—*hbt.* '19, 501; *nst.* '19, 501; *note*, '19, 501; *misc.* '15, 255[a].
carruthersi, *Samarkand*, '18, 256.
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dzungaricus, *syn.* '13, 464; *misc.* '12, 426.
ferghanensis, *syn.* '13, 464; *misc.* '12, 425.
harterti, *Spain*, '14, 428.
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lusitanica, *Portugal*, '20, 332.
major, *France*, '19, 501; *Italy*, '12, 182.—*hbt.* '19, 501; *nst.* '19, 501; *note*, '19, 501; *misc.* '12, 409.
malayorum, *Sumatra*, '20, 153.
mitratus, *France*, '19, 502.
namiyei, *Japan*, '19, 629.
newtoni ([a]Great Tit, [b]major), *Eng.* '19, 610[a].—*fd.* '19, 610[a]; *hbt.* '16, 258[b]; *misc.* '11, 508[a], '12, 409, 409[b], 424[b], '15, 255[a].
obscurus ([a]Blue Tit, [b]caeruleus), *Eng.* '19, 610[a].—*fd.* '19, 610[a]; *hbt.* '16, 258[b]; *misc.* '11, 508[a], '15, 255[a].
palustris ([a]Marsh-Tit), *France*, '14, 132.—*note*, '16, 263.
panderi, *misc.* '14, 130.
pekinensis ([b]Periparus), *Siberia*, '16, 47[b]; *Saghalien*, '20, 490.
prageri, *Asia*, '15, 382.
ptilosus, *Formosa*, '13, 139.—*misc.* '12, 555.
rhenanus ([a]Willow Tit), *France*, '14, 132[a].
salicarius, *descr.* '14, 281; *misc.* '13, 308.
scoticus ([a]Crested Titmouse), *Scotl.* '16, 93[a].
suschkini ([b]Poecile), *misc.* '12, 424[b].
terraesanctae ([a]Greater Tit or Palestine Great-Tit), *Asia*, '15, 279[a]; *Palestine*, '15, 286.
turcestanicus, *syn.* '13, 464.
weigoldi, *Spain*, '14, 428.
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—— (Eupsychortyx), see E. sonnini.
—— (Ortyx), see Eupsychortyx sonnini.
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parvirostris (Empidonomus), see Empidonomus.
—— (Ortyx), see Eupsychortyx sonnini.
—— (Phylloscopus), see Cryptolopha.
—— (Procellaria), see Pterodroma alba.
parvula (Chaemepelia), see Chaemepelia.
parvulus (Troglodytes), see Troglodytes.
parvus (Botauroides), see Botauroides.
—— (Colymbus), see Colymbus.
—— (Dryobates), see Dryobates.
—— (Numenius), see Numenius.
—— (Picus), see Dryobates.
—— (Puffinus), see Puffinus.
parzudakii (Tangara), see Tangara.
pasadenense (Harporhynchus), see Toxostoma.
—— (Toxostoma), see Toxostoma.
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ahasver, *descr.* '15, 53.
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biblicus, *Palestine*, '15, 287; *Syria*, '15, 287.—*descr.* '15, 52, 287.
canariensis, *Canary Is.* '14, 561.
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domesticus ([a]English Sparrow, Town Bird, House Sparrow, Common House Sparrow, European House Sparrow, [b]hostilis, [a]'Gorrion'), *Ala.* '14, 227, '18, 359[b]; *Argent.* '16, 395[a], 398[a]; *Ariz.* '11, 486–488; *Australia*, '14, 268, '20, 168[a]; *Bahamas*, '15, 57; *Bermuda*, '15, 57; *Calif.* '14, 169–171, '15, 55, '20, 478–479; *Colo.* '11, 310[a], 315, '13, 40–73, '14, 323, '15, 54, 56, '16, 309–310, '20, 73; *Conn.* '17, 463[a], 479[a], '18, 375[a]; *Cuba*, '15, 57; *D. C.* '15, 54, '20, 586[a]; *Engl.* '14, 128[a], '15, 55, 56; *Fla.* '13, 247, '15, 2[a]; *France*, '19, 506; *Germany*, '15, 55, 56; *Greenl.* '15, 57; *Hawaii*, '15, 55, '16, 208[a]; *Idaho*, '15, 54, 56; *Ill.* '11, 335, '15, 54, '17, 90[a], '20, 601[a]; *Ia.* '11, 164[a], 335, '13, 411[a], 412[a], '14, 74[a], 80, '15, 234[a]; *Kans.* '12, 29, 32, '15, 54, 56; *Me.* '11, 272[a]; *Mass.* '12, 293[a], '14, 237[a], '15, 55, '16, 201[a]–202[a]; *Mex.* '11, 88; *Mich.* '15, 57; *Minn.* '11, 235, '15, 54, 56; *Mont.* '11, 42; *N. B.* '12, 21, 22; *N. H.* '13, 524[a], 529[a], 532,

533[a]; *N. J.* '15, 54; *N. M.* '12, 334; *N. Y.* '13, 275[a], 590[a], '15, 54, 237[a], '16, 37, 40[a]; *N. C.* '12, 377[a], '20, 570; *N. D.* '18, 347; *Ont.* '15, 521[a]; *Ore.* '11, 275[a]; *Pa.* '15, 232; *Que.* '16, 170, 175[a], '18, 309[a], '19, 473[a]; *R. I.* '14, 252; *Roumania*, '15, 55, 56; *S. C.* '15, 54, 56; *S. D.* '11, 13; *Tex.* '11, 219, '15, 54, 56; *Va.* '12, 82, 530[a], '15, 54, 56; *Wash.* '15, 54, 56, '18, 151.—*alb.* '15, 383[a]; *descr.* '15, 54, 56; *fd.* '11, 138–139, 282[a], 283[a], 285[a], 286[a], 508, '12, 293[a], '13, 602[a], '14, 123[a], 164–171, 554[a], '15, 232, 254, 254[a], 378[a], 520[a], 521, '16, 446[a], '17, 479, '18, 25, 251[a], 359[b], 374[a], '19, 306[a], '20, 324[a]–325[a]; *hbt.* '11, 486, '12, 21, 286[a], 293[a], 334, '13, 40[a], '14, 252, '15, 198, 306[a], 315[a], '18, 434[a], '19, 306[a], '20, 586[a]; *meas.* '15, 56; *nst.* '13, 40[a], '16, 82[a], '18, 237, '20, 586[a]; *plm.* '20, 383[a]; *note*, '13, 524[a], 529[a], 532[a], 533[a], '16, 31[a], 37[a], 40[a]; *syn.* '16, 430, 430[b], '17, 329, 329[b], '18, 210[b], '19, 597, 597[b], '20, 280, 280[b]; *misc.* '11, 138[a], 167, 335–340, 373[a], 508, '12, 122[a], 399[a], 413[a], 417[a], '13, 141[a], 250[a], 292[a], 293[a], 304[a], 308[a], 454[a], '15, 253[a], 254[a], 257[a], 508[a], '16, 86, 87[a], 216[a], 265[a], 342[a], 346, 346[b], '17, 231[a], 251[a], 329, '19, 597[a], '20, 483[a].

indicus (Eastern House Sparrow), *Palestine*, '15, 287.—*descr.* '15, 53, 287; *g. dist.* '15, 53.

italiae ([a]Italian House Sparrow), *Italy*, '12, 182, 182[a].

moabiticus ([a]Moabitic Sparrow' Dead Sea Sparrow), *Asia*, '15, 278[a]; *Palestine*, '15, 288.

montanus ([a]Tree Sparrow), *France*, '19, 506; *Ireland*, '13, 608[a]; *Italy*, '12, 182, 182[a].—*descr.* '19, 506; *hbt.* '19, 506.

niloticus, *Egypt*, '15, 53.—*misc.* '15, 287.

pyrrhonotus, *descr.* '15, 53.

tingitanus, *descr.* '15, 52.

transcaspicus ([a]Spanish Sparrow), *Asia*, '15, 274[a], 275[a]; *Palestine*, '15, 288.

volgensis, *syn.* '13, 464.

yatii, *Persia*, '13, 142.

Passerculus alaudinus ([a]Western Savannah Sparrow, Savannah Sparrow, [b]sandwichensis), *Alas.* '16, 402–403, '17, 396[a], 401, 410, '19, 63, '20, 249[a]; *Alta.* '11, 469, '19, 256, 256[b]; *B. C.* '17, 44; *Colo.* '14, 323, '20, 71; *Mex.* '11, 88; *Mont.* '11, 26[a], 42, '14, 202[a], '19, 180, 180[a]; *N. M.* '20, 405; *Okla.* '14, 475[a], 476[a], 485–486, 491[a]; *S. D.* '11, 14, '13, 280, 570; *Tex.* '11, 213, '16, 190, '20, 53; *Wash.* '18, 151.—*descr.* '19, 256; *mig.* '14, 475, 476, 485, '15, 457; *misc.* '11, 277, '12, 265, 384.

beldingi (Belding's Sparrow), *L. C.* '20, 39.—*misc.* '18, 106.

bradburyi, *S. C.* '19, 269–270.

brooksi, *B. C.* '16, 95, '17, 204; *Calif.* '17, 204; *Wash.* '17, 204.

bryanti (Bryant's Sparrow), *misc.* '17, 45.

guttatus ([a]San Lucas Sparrow), *Calif.* '17, 340[a].—*syn.* '20, 285; *misc.* '20, 175.

halophilus ([b]Ammodramus), *L. C.* '20, 281.—*g. dist.* '20, 281; *syn.* '20, 281[b]; *misc.* '20, 175.

nevadensis ([a]Nevada Savannah Sparrow, Great Basin Savannah Sparrow), *Calif.* '12, 384; *Nev.* '12, 384; *N. M.* '14, 542[a]; *Tex.* '16, 190.—*g. dist.* '12, 384.

princeps ([a]Ipswich Sparrow), *Conn.* '18, 232, 342; *Mass.* '13, 594[a], '18, 72[a], '20, 82[a]; *N. Y.* '17, 443; *N. C.* '17, 219[a]; *N. S.* '12, 294[a], 295[a]; *Que.* '17, 146[a]; *S. C.* '18, 440.—*hbt.* '12, 289[a], 290[a], 294[a], 295[a], '15, 314[a], '20, 82[a]; *misc.* '12, 294[a], 295[a], '18, 438.

rostratus ([a]Large-billed Sparrow), *Calif.* '11, 174[a], '17, 340.—*mig.* '11, 174.

sanctorum (San Benito Sparrow), *syn.* '20, 175, 285.

sandwichensis ([a]Aleutian Savannah Sparrow), *B. C.* '17, 44; *Wash.* '16, 366.

savanna ([a]Savannah Sparrow, Grass Sparrow, [b]Passerherbulus), *Ala.* '14, 227; *B. C.* '12, 265; *Conn.* '18, 232; *Del.* '11, 114; *Fla.* '14, 497, '19, 50[a], 402; *Ga.* '11, 481[a], 482[a], '20, 258[a]; *Ia.* '11, 167[a]; *Labr.* '12, 294[a], '16, 166; *La.* '15, 25[a]; *Md.* '20, 599, 599[a]; *Mass.* '15, 438, '18, 184[a]; *Mex.* '11, 88; *N. B.* '12, 21, '17, 268; *N. F.* '12, 73, 77; *N. H.* '12, 312[a], 316[a], 317[a], 325[a], 326[a], '13, 517[a], 518[a], 519[a], 522[a], 525[a], 532, 533[a], 537, '15, 241[a]; *N. J.* '12, 294[a], '18, 138; *N. Y.* '17, 443; *N. C.* '17, 219[a], 303[a], 307[a], '20, 570; *N. S.* '20, 597[a]; *Pa.* '12, 474, '18, 138; *Que.* '12, 72, 211[a], 223[a], '13, 7, 177[a], 179, 187[a], '16, 171–172, 172[a], '17, 146[a], '18, 307[a], 309[a], '19, 474[a]; *S. D.* '13, 570; *Va.* '12, 521, 528[a].—*fd.* '13, 601[a], '14, 422[a]; *hbt.* '12, 290[a], '16, 172[a], '20, 391[a]; *mig.* '15, 25, '16, 166[b], 171, '17, 303[a], 307[a]; *nst.* '12, 72, 73, 77, '16, 171, '18, 138; *note*, '12, 312, 316, 325, 326, '13, 517, 518, 519, 522, 525, 532, 533, 537, '15, 241; *misc.* '11, 277, '13, 250[a], '15, 160[a].

Passerella, '13, 14.

altivagans, *Alta.* '18, 186, 211; *B. C.* '18, 186; *Calif.* '18, 186; *Mont.* '18, 186; *Ore.* '18, 186.—*descr.* '18, 186; *g. dist.* '18, 186; *misc.* '12, 117, 386, '18, 211.

annectens, *syn.* '12, 386.

brevicauda, *Calif.* '18, 497, '19, 270.

canescens, *Calif.* '19, 270, 438.

fuliginosa ([a]Sooty Fox Sparrow), *B. C.* '13, 447[a], '17, 46; *Wash.* '11, 493.—*plm.* '17, 46.

fulva, *Calif.* '19, 270, 438.—*g. dist.* '19, 270; *syn.* '19, 270.

iliaca ([a]Fox Sparrow, Fox-coloured Sparrow, [b]Fringilla rufa), *Ala.* '14, 228; *Alas.* '19, 63; *Alta.* '19, 257; *Calif.* '11, 175[a]; *Colo.* '18, 236, '20, 72; *Ga.* '18, 282[b]; *Ia.* '13, 211[a], 212[a], 213[a], 214[a]; *Kans.* '12, 41; *Labr.* '16, 167; *La.* '15, 27[a]; *Mass.* '14, 237[a], '16, 138[a]–139[a], '17, 14[a], 217; *Minn.* '13, 211[a], 212[a], 213[a], 214[a], 219[a], 221[a]; *N. F.* '12, 73, 74, 77; *N. Y.* '13, 544, '14, 102[a]; *N. C.* '17, 304[a], 308[a], '20, 150[a]; *Okla.* '14, 476[a], 489; *Que.* '12, 211[a], 223[a], '13, 8, 77[a], '16, 173, '18, 309[a], '19, 474[a], 482[a]; *S. D.* '13, 571; *Tex.* '11, 214; *Va.* '12, 522, 529[a].—*hbt.* '14, 102; *meas.* '18, 282; *mig.* '13, 211–214, 219–221, '14, 476, 489, '15, 447, '16, 167, '17, 304, 308, '19, 474; *nst.* '12, 73, 74; *song,* '12, 74, 223[a], '13, 77, '16, 138[a]; *misc.* '11, 523, '13, 456[a], '20, 149[a].

insularis ([a]Kadiak Fox Sparrow), *Alas.* '13, 18; *B. C.* '17, 45; *Wash.* '11, 493.

mariposae, *Calif.* '19, 270, 438.—*g. dist.* '19, 270; *syn.* '19, 270.

megarhyncha (Thick-billed Fox Sparrow), *Calif.* '18, 99, '19, 438.

meruloides ([a]Yakutat Fox Sparrow), *Calif.* '20, 326[a].—*syn.* '12, 386.

monoensis, *Calif.* '18, 99, 211.—*g. dist.* '18, 211.

schistacea ([a]Slate-colored Fox Sparrow), *B. C.* '17, 46; *Colo.* '13, 113[a]; *Mont.* '11, 28[a], 44; *Wash.* '18, 153.—*misc.* '12, 386.

sinuosa ([a]Valdez Fox Sparrow), *Alas.* '13, 18; *Calif.* '11, 175, 175[a].—*syn.* '12, 386.

stephensi ([a]Stephens' Fox Sparrow), *Calif.* '11, 175[a].—*misc.* '12, 421.

townsendi ([a]Townsend's Fox Sparrow), *Alas.* '15, 305; *B. C.* '17, 45.—*nst.* '15, 305.

unalaschensis (Shumagin Fox Sparrow), *Alas.* '17, 158[a], 401; *B. C.* '17, 45.

Passeres, '13, 405, '14, 140, '16, 62, '18, 118.

Passerherbulus, '17, 504.

caudacutus ([a]Sharp-tailed Sparrow, [b]Fringilla caudacuta, [c]Ammodramus, [d]Ammospiza caudacuta), *Mass.* '11, 120[a], '18, 184[a]; *N. J.* '18, 138.—*alb.* '11, 120; *descr.* '11, 120; *fd.* '13, 129, 137[a]; *nst.* '18, 138; *syn.* '18, 210[d], '19, 442, '20, 281, 281[b]; *misc.* '12, 14[c], '18, 210[d].

fisheri ([a]Louisiana Seaside Sparrow, [b]Ammodramus, [c]Thryospiza), *Fla.* '19, 50[a], 402; *La.* '15, 25[a].—*nst.* '15, 25[b]; *song,* '15, 25[b]; *syn.* '18, 210[c].

henslowi ([a]Henslow's Sparrow, [b]Nemospiza susurrans, [c]Emberiza), *Ala.* '17, 456; *Fla.* '19, 402; *Ill.* '13, 239[a]; *Ind.* '19, 522; *Md.* '19, 524[a]; *Kans.* '20, 458[a]; *La.* '15, 25[a]; *N. J.* '18, 138; *N. Y.* '17, 443, '19, 574; *N. C.* '17, 301[a], '20, 570; *Pa.* '18, 138; *R. I.* '13, 545[a], 555; *Vt.* '13, 437; *Va.* '12, 82, '18, 484, '19, 270[b], 574.—*descr.* '13, 555; *g. dist.* '19, 270[b]; *hbt.* '19, 522, 574; *mig.* '15, 25, '17, 301[a]; *nst.* '13, 555, '17, 443, '18, 138, '19, 574, '20, 458; *song,* '20, 393[a]; *syn.* '18, 210[b], 210[c], '19, 270[b]; *misc.* '12, 101[a].

lecontei ([a]Leconte's Sparrow, [b]Fringilla, [c]Ammodramus), *Alta.* '19, 256; *Can.* '12, 72; *Ga.* '18, 284[a]; *Ill.* '19, 522; *Kans.* '12, 33, '20, 458[a]; *La.* '15, 25[a]; *N. C.* '17, 301[a]; *N. D.* '18, 347; *Okla.* '14, 476[a], 486; *S. C.* '18, 441; *S. D.* '13, 570; *Wis.* '14, 256, '15, 101[a], 497[a], '20, 299[c].—*descr.* '19, 256; *meas.* '18, 284; *mig.* '14, 476, 486, '15, 457, 458, '17, 301[a]; *nst.* '12, 72, '18, 347; *song,* '12, 33; *syn.* '19, 442, '20, 281; *misc.* '12, 421[a].

macgillivraii ([a]Macgillivray's Seaside Sparrow, [b]Ammospiza, [c]Thryospiza), *Fla.* '19, 402; *Ga.* '12, 104[b]; *N. C.* '12, 104; *S. C.* '12, 103.—*descr.* '12, 104; *syn.* '18, 210[c].

maritimus ([a]Seaside Sparrow, [b]Thryospiza), *Fla.* '19, 56[a]; *Ga.* '12, 103[a]–104[a]; *N. J.* '18, 138; *N. Y.* '17, 436[a], 443; *R. I.* '13, 556; *Va.* '11, 453[a].—*fd.* '13, 137[a], '14, 422[a]; *hbt.* '19, 56; *nst.* '13, 556, '18, 138; *syn.* '18, 210[b]; *misc.* '12, 594.

nelsoni ([a]Nelson's Sharp-tailed Sparrow, Nelson's Sparrow, [b]Ammospiza), *Alta.* '19, 256; *Can.* '12, 72; *Fla.* '19, 46[a], 54; *Ill.* '13, 239[a], '19, 522; *La.* '15, 25[a]; *Man.* '15, 501; *R. I.* '13, 545[a], 555; *Vt.* '17, 341[a]; *Va.* '12, 510[a], 521, 528[a].—*mig.* '15, 447; *nst.* '12, 72; *syn.* '18, 210, 210[b].

nigrescens ([a]Dusky Seaside Sparrow, [b]Thryospiza), *Fla.* '14, 557[a], '19, 87[b].—*nst.* '14, 557[a]; *syn.* '18, 210[b].

occidentalis ([a]Western Henslow's Sparrow, [b]Nemospiza), *Ia.* '14, 80; *S. D.* '11, 14, '13, 570.—*syn.* '18, 210[b].

peninsulae ([a]Scott's Seaside Sparrow, [b]Thryospiza), *Fla.* '19, 46[a], 54, 87, 402.—*hbt.* '19, 54; *syn.* '18, 210[b].

sennetti ([a]Texas Seaside Sparrow, [b]Thryospiza), *Tex.* '14, 369[a], '15, 327, '19, 87[b].—*hbt.* '15, 327; *nst.* '14, 369, '15, 327; *syn.* '18, 210[b].

subvirgatus ([a]Acadian Sharp-tailed

Sparrow, [b]Ammodramus, [c]Ammospiza), *Mass.* '12, 543[a], 544[a]; *N. B.* '12, 21–22, 251; *N. Y.* '20, 307[b]; *N. S.* '20, 587[a]; *R. I.* '13, 556.—*descr.* '12, 21–22, 543; *hbt.* '20, 588[a], 589[a]; *nst.* '12, 21, 587; *song*, '12, 21, '20, 589; *syn.* '18, 210, 210[c].
Passeriformes, '11, 278, '18, 122.
Passerina ([b]Linaria), '14, 90, 90[b], '20, 448, 448[b].
amoena ([a]Lazuli Bunting), *B. C.* '17, 46; *Colo.* '11, 316, '14, 311, 327, '16, 312, '20, 73; *Mont.* '11, 29[a], 44; *S. D.* '11, 14, '13, 571; *Tex.* '11, 202, 214; *Wash.* '18, 153.—*hbt.* '14, 327; *mig.* '18, 153; *nst.* '11, 214, '14, 327, '20, 73; *song*, '14, 327.
ciris ([a]Painted Bunting, Nonpareil, [b]Emberizis, [c]Linaria, [d]Emberiza, [e]Cyanospiza), *Fla.* '19, 403; *Ga.* '18, 281[b], '19, 389; *Kans.* '12, 43; *La.* '15, 28[a]; *Mex.* '11, 89; *Minn.* '12, 247[a]; *Okla.* '14, 489; *S. C.* '17, 346; *Tex.* '11, 202, 214, '15, 329, 330[a].—*meas.* '18, 287; *mig.* '11, 214, '15, 28; *nst.* '15, 329, '19, 389; *syn.* '14, 88[c], 89[c], 89[d]; *misc.* '12, 386, '13, 140[e], 615[a], '15, 330, '19, 437[a], '20, 300.
cyanea ([a]Indigo Bunting, Swamp Bluebird, Indigo Bird, [b]Emberiza, [c]Fringilla, [d]Linaria), *Ala.* '14, 229, '18, 359; *Colo.* '14, 314, 327, '15, 498[a], '20, 73; *Conn.* '11, 324[a]; *Fla.* '19, 403; *Ga.* '18, 280[a]; *Kans.* '12, 33; *La.* '15, 28[a]; *Md.* '20, 555[a], 599[a]; *Mex.* '11, 89, '13, 380; *Minn.* '13, 207[a]; *Mo.* '19, 185[c]; *N. H.* '12, 321[a], 325[a], 326[a], '13, 513[a], 514[a], 516[a], 517[a], 518[a], 519[a], 532, 534[a], 535[a], 537; *N. J.* '18, 139; *N. Y.* '20, 47[a]; *N. C.* '12, 377[a], '13, 199[a], '17, 299[a], 307[a], '20, 570; *Ont.* '20, 436; *Pa.* '12, 474, '13, 199[a], 331[b], 347, 358[a], '18, 139; *Que.* '16, 60[a], 174, 186[a], '18, 290[a], 308[a], 309[a], '19, 474[a]; *S. D.* '12, 111, '13, 571; *Tex.* '11, 202, 214; *Va.* '12, 82, 522, 528[a].—*fd.* '11, 283, '18, 359; *hbt.* '20, 47[a]; *meas.* '18, 280; *mig.* '13, 199[a], 347, 358, '15, 28, '17, 299, 307[a]; *nst.* '12, 82, 474, '14, 229, '16, 174, '18, 139, '20, 47[a]; *song*, '12, 321, 325, 326, '13, 513–519, 532, 534, 535, 537; *syn.* '14, 89[d]; *misc.* '11, 373[a], '13, 250[a], '15, 187[a], '16, 397[a], '17, 343[a], '19, 437[a], 581[a].
pallidior, *misc.* '12, 386.
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